

## CLAIM AMENDMENTS

Please amend the claims as follows:

### **Claims 1-16 (Cancelled)**

17. **(New)** An antibody that binds a peptide sequence of SP22 (SEQ ID NO: 3) exposed on the sperm surface.
18. **(New)** The antibody of claim 17, which binds to a peptide sequence which is contained within the peptides sequence shown as amino acids 34-48 of SEQ ID NO: 3.
19. **(New)** The antibody of claim 17, which binds to a peptide sequence which is contained within the peptides sequence shown as amino acids 88-102 of SEQ ID NO: 3.
20. **(New)** The antibody of claim 17, which binds to a peptide sequence which is contained within the peptides sequence shown as amino acids 118-132 of SEQ ID NO: 3.
21. **(New)** The antibody of claim 17, which binds to a peptide sequence which is contained within the peptides sequence shown as amino acids 136-150 of SEQ ID NO: 3.